

ILLINOIS WEATHER & CROPS



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ILLINOIS DEPARTMENT OF AGRICULTURE**



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RELEASED; OCTOBER 24, 1988, 3 P.M., CDT

VOL. 9, NO. 32

CROPS

Harvest continued to progress ahead of average this past week but was slowed down some by rain showers over most of the State. Harvest of corn and soybeans should be nearly complete within the next two weeks. Farmers were also discing, chiseling, plowing, applying fertilizer and lime, baling stocks, sowing wheat, hauling grain and water, drying grain, cleaning machinery, tending to livestock, and doing general farm chores. Soil moisture supplies increased slightly over the past week, but considerable amounts of rainfall are needed to replenish dried-up water sources and subsoil. Sufficient rainfall has been received for winter wheat emergence, with most wheat acreage off to a good start thus far. For the week of October 15-21 there was an average of four and three-quarters days reported as suitable for fieldwork.

By October 23, 91% of the **CORN** crop was harvested compared to 94% last year and the 5-year average (1983-87) of 69%.

By October 23, 95% of the **SOYBEAN** crop was harvested compared to 97% last year and the average of 79%.

By October 23, 87% of the **SORGHUM** crop was harvested compared to 97% last year and the average of 66%.

By October 23, 92% of the **WINTER WHEAT** acreage was seeded, compared to 92% last year and the average of 69%. Fifty-five percent of the winter wheat acreage had emerged compared to 61% last year and the average of 45%. Condition of the crop on October 21 was reported to be 4% excellent, 69% good, and 27% fair.

PASTURE condition, as of October 21, was rated as 1% excellent, 25% good, 52% fair, 18% poor, and 4% very poor. Pastures were supplying about 47% of livestock roughage requirements compared to 52% last year and the average of 63%.

SOIL MOISTURE on October 21 was reported as 76% short, 22% adequate, and 2% surplus.

ILLINOIS DISTRICT SUMMARY

	: Corn	: Soybean	:Days suit-	:	Soil	
District	: acreage %:	acreage % :	able for	:	moisture percent	
	: harvested:	harvested :	fieldwork	:	Short	: Adequate: Surplus
	: As of October 23			As of October 21		
Northwest	: 90	95	4.5	100	0	0
Northeast	: 65	95	4.5	60	40	0
West	: 96	95	5.5	100	0	0
Central	: 97	99	5.0	100	0	0
East	: 98	99	3.5	95	0	5
W Southwest:	95	95	5.5	80	15	5
E Southeast:	95	97	4.5	95	5	0
Southwest	: 95	85	4.5	25	70	5
Southeast	: 90	90	4.5	35	65	0
State	: 91	95	4.75	76	22	2
5-Year Avg :	69	79				

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
Sept.	1.88	2.11	1.58	1.69	2.75	1.92	1.58	3.77	4.55	2.42
Departure	-1.77	-1.43	-2.25	-1.74	-0.45	-1.33	-1.71	0.43	1.32	-0.99

SEPTEMBER WEATHER SUMMARY

Illinois recorded a warm and dry month. Illinois average monthly **TEMPERATURE** was 2.0 degrees above normal as temperatures ranged from 1 to 4 degrees above normal. The warmest portion of the State was in the northeast section, while the coolest area was in the southern portion. The month started with above normal temperatures, as maximum readings rose into the 80's. By the end of the first week, cool air brought minimum readings into the 40's. A warm pattern developed during midmonth as maximum temperatures climbed into the 90's. Chicago set a new record for the most 90-degree days during a year (47 days). Readings in the last week of September dropped to near normal in many areas of the State.

PRECIPITATION averaged one inch below normal in the State (-0.99 inches below normal). The northern two-thirds of the State recorded 1 to 2 inches of below normal rainfall, while the South recorded 1 inch above normal amounts. The largest below normal variation was in the West District (-2.25 inches below normal). The largest above normal variation was in the Southeast District (1.32 inches above normal). Scattered shower and thunderstorms during the latter half of the month gave many areas 1 to 3-inch rainfall amounts. Cairo, in the Southwest District, recorded the greatest rainfall amount (7.57 inches). A thunderstorm gave Cairo 2.70 inches of rain on the 18th, due to the remains of Hurricane Gilbert.

The **OUTLOOK** from October 15 through November 15 is for temperatures to be above normal and precipitation to be below normal.

The **90-DAY OUTLOOK** from October to December is for temperatures to be near normal and precipitation to be above normal.

WEATHER

CANADIAN HIGH PRESSURE DROPPED INTO THE CENTRAL PLAINS AND WORKED EAST ACROSS ILLINOIS. HIGH TEMPERATURES IN THE 70'S MONDAY DROPPED TO THE 50'S BY WEDNESDAY AND STAYED THERE THE REST OF THE WEEK. OVERNIGHT LOWS FELL INTO THE 30'S, WITH SOME NORTHERN LOCATIONS DIPPING INTO THE 20'S ON INDIVIDUAL NIGHTS. THE WEEK AS A WHOLE AVERAGED ABOUT 2 TO 6 DEGREES BELOW NORMAL.

THE WEEK STARTED AND ENDED ON RATHER GOOD NOTES AS TWO FRONTS PUSHED THROUGH. RAIN TOTALS FOR THE WEEK RANGED FROM UNDER AN INCH TO MORE THAN 4 INCHES AT CHICAGO, OF WHICH MORE THAN 3 INCHES CAME IN A 24-HOUR PERIOD. MOST STATIONS REPORTED BETWEEN 1 AND 2 INCHES.

FOUR-INCH SOIL TEMPERATURES AVERAGED ZERO TO ABOUT 3 DEGREES BELOW NORMAL UNDER BOTH BARE AND SOD SURFACES. MAXIMUMS GENERALLY AVERAGED IN THE MID AND UPPER 50'S WHILE MINIMUMS WERE USUALLY IN THE MID 40'S TO MID 50'S.

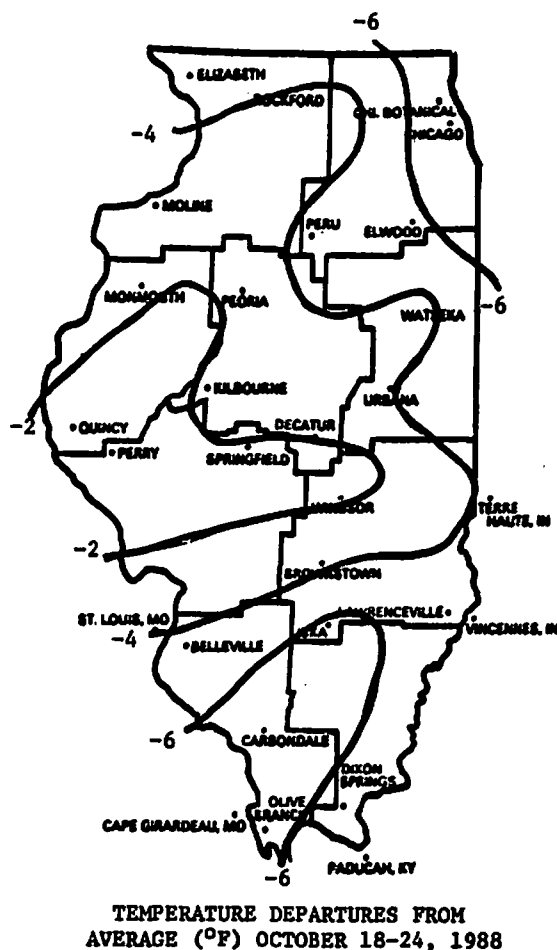
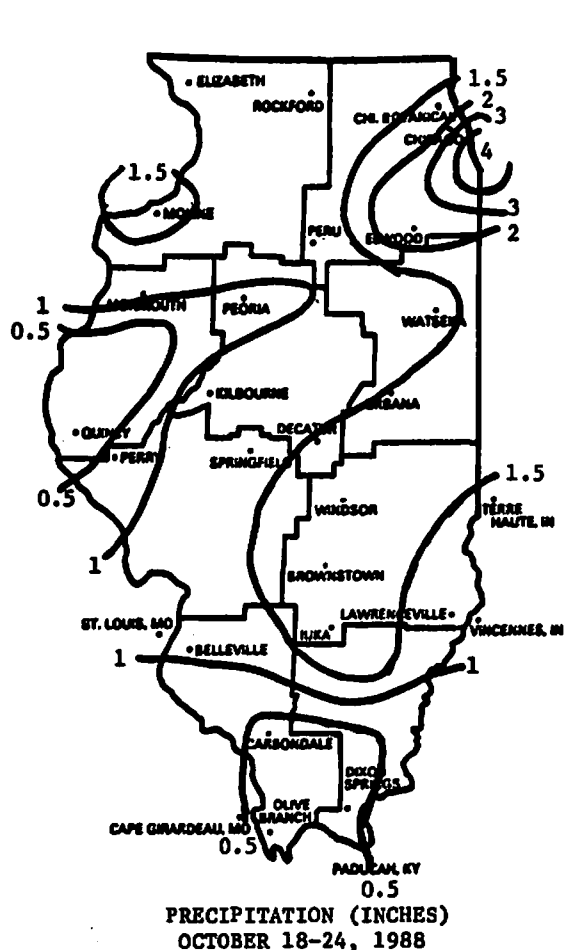
Week ending 8 A.M. Monday, October 24, 1988

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi-mum	Mini-mum	Depar-ture	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	52	31	-7	1.10	11.16	-10.48	14	3057	270
ROCKFORD	53	38	-4	1.16	9.93	-12.71	14	3309	493
CHICAGO	53	37	-5	4.08	17.08	-2.54	16	3321	458
CHI BOTANICAL	53	36	-7	1.30	15.92	-4.47	14	3057	-52
ELWOOD	56	36	-4	2.07	11.00	-9.91	25	3222	311
WATSEKA	55	38	-4	1.48	11.58	-10.41	22	3329	260
PERU	56	37	-5	1.16	10.71	-9.83	26	3362	219
MOLINE	55	39	-3	1.56	15.26	-7.83	23	3519	429
PEORIA	57	40	-2	0.75	8.30	-12.47	31	3563	427
KILBOURNE	58	38	-4	1.16	11.03	-11.43	32	3532	185
MONMOUTH	57	35	-6	1.13	11.60	-10.02	29	3348	178
QUINCY	61	41	-2	0.39	9.22	-14.19	43	3639	291
PERRY	59	37	-5	0.50	16.01	-5.54	38	3455	25
SPRINGFIELD	59	41	-2	1.31	10.25	-8.65	37	3704	295
DECATUR	NA	NA	NA	NA	NA	-11.65	NA	3430	188
URBANA	56	38	-5	1.83	11.64	-8.92	26	3564	317
WINDSOR	62	43	-1	1.57	11.24	-9.32	52	3667	246
TERRE HAUTE	58	39	-4	1.20	14.55	-5.89	34	3432	126
ST LOUIS	63	44	NA	1.14	13.98	NA	52	4131	NA
BELLEVILLE	66	46	0	1.01	9.78	-9.74	65	3691	111
BROWNSTOWN	60	40	-4	1.72	11.07	-10.28	39	3582	118
IUKA	61	36	-5	1.82	20.66	1.49	45	3467	-122
LAWRENCEVILLE	60	38	NA	0.99	11.58	NA	39	3539	NA
VINCENNES	58	38	-5	1.22	11.97	-9.28	34	3523	60
DIXON SPRINGS	68	42	-1	0.40	14.23	-6.18	73	3768	-12
PADUCAH	66	44	-2	0.91	13.45	-7.88	65	3890	62
OLIVE BRANCH	64	39	-4	0.24	16.90	-4.63	59	3660	-47
CARBONDALE	60	37	-6	0.28	17.68	-3.16	41	3628	-12
C GIRARDEAU	66	45	NA	0.64	19.09	NA	66	3940	NA

NEWSPAPER TIME VALUE

Illinois Weather & Crops
October 24, 1988

Illinois Weather & Crops (ISSN 0273-8635) is published weekly April-November, semiweekly the second week of June, monthly December-March, by the Illinois Dept. of Agriculture, Illinois Agricultural Statistics Service, Room 54, Department of Agriculture Bldg., 801 Sangamon Ave., Springfield, IL 62702. For information on subscribing, send request to the above address. Second-class postage paid at Springfield, Illinois. Postmaster: Send Address Change to Illinois Weather & Crops, P.O. Box 19283, Springfield, IL 62794-9283.



CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.